

1. (Currently Amended) A combustion system for a heat generator, comprising:
_____ a premix burner, ~~and outlet,~~ and a combustion chamber, the premix burner being
connected to the combustion chamber by ~~means of an~~ the outlet;
_____ wherein the outlet comprises a ~~multiply-stepped~~ multiply-stepped transitional structure in
the direction of flow of fluid so as to create turbulence in the fluid flow.
2. (Currently Amended) A combustion system as claimed in Claim 1, wherein the
transitional structure ~~of the outlet~~ comprises three to five steps.
3. (Currently Amended) A combustion system as claimed in Claim 2, wherein the
transitional structure comprises four steps ~~are provided in the outlet.~~
4. (Currently Amended) A combustion system as claimed in ~~any one of the~~
~~preceding claims~~ Claim 1, wherein the length to height ratio of the steps is from 1:1 to 10:1.
5. (Original) A combustion system as claimed in Claim 4, wherein the length to height
ratio of the steps is from 1:1 to 7:1.
6. (Currently Amended) A combustion system as claimed in ~~any one of the~~
~~preceding claims~~ Claim 1, wherein the outlet ~~is in the form of~~ comprises a nozzle.
7. (Canceled)